

**Abstract.** 'UFSun' is a new and distinct variety of peach tree which has a winter chilling requirement of approximately 100 to 150 chill units (cu). The tree is large size, highly vigorous with a semi-spreading growth habit, and bears showy pink flowers. Glands are small and reniform in shape and isolated to the basal portions of leaves. Trees of 'UFSun' bear heavy annual crops of early season fruit which are medium size for its ripening season. Fruit have firm, yellow, non-melting flesh which is clingstone. Fruit are uniform, attractive, substantially symmetrical shape, and have an attractive 50 to 60% red skin with darker red stripes. The fruit ripens about 80 to 85 days from bloom, with 'Flordaprince', and in late April at Immokalee and Gainesville, Florida.